

PCT INTERNATIONAL PRELIMINARY EXAMINATION REPORT ANNEXES

CLAIMS

5 *What is claimed is:*

5 1. HF right-angle connector comprising a plug receiver (8), on which a coding (9, 10) for the plug to be received is disposed, and comprising a socket housing (1, 2), in which connecting means (3, 4, 7) for a coaxial cable (5) are accommodated, wherein the plug receiver (8) is mountable in various positions onto the socket housing (1, 2) and wherein a latching device (9) for securing the plug to be received is disposed on the plug receiver (8), characterised in that the plug receiver (8) is mountable in three different positions on the socket housing (1, 2), so that the latching device (9) is disposed either to the left of the socket housing (1, 2) or to the right or at the end face of the socket housing (1, 2).

15 2. HF right-angle connector according to claim 1, characterised in that the latching device (9) constitutes the coding for the plug to be received.

3. HF right-angle connector according to claim 1 or 2, characterised in that provided in the plug receiver (8) are coding grooves/ribs (10) which cooperate with corresponding 20 coding ribs/grooves on the plug to be received.

4. HF right-angle connector according to one of claims 1 to 3, characterised in that disposed on the connecting side of the plug receiver (8) to the socket housing (1, 2) is a middle part (12), which is smaller than the area of the plug receiver (8), and disposed on 25 the middle part (12) is a plate (13), which projects laterally on all sides beyond the middle part (12), and formed on the socket housing (1, 2) are opposing U-shaped receivers (18), into which the plate (13) is insertable.

5. HF right-angle connector according to claim 4, characterised in that the plate (13) 30 is substantially square and is provided with recesses (15) for the cable routing.

6. HF right-angle connector according to one of claims 1 to 5, characterised in that latching means are provided on the plug receiver (8) and counterpart latching means are provided on the socket housing (1, 2).

7. HF right-angle connector according to claim 6, characterised in that the latching means take the form of projections (19) on the middle part (12), and the counterpart latching means take the form of recesses (20) in the socket housing (1, 2).

5 8. HF right-angle connector according to one of claims 1 to 7, characterised in that the latching device (9) on the plug receiver (8) takes the form of a latching hook (22), which is manually releasable by means of a button (23).

9. HF right-angle connector according to one of claims 1 to 8, characterised in that 10 the connecting means in the socket housing (1, 2) for the external conductor of the coaxial cable (5) take the form of an insulation displacement connection (3, 4) and for the internal conductor take the form of a crimp connection (7).

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